ABSTRACT OF THE DISCLOSURE

     The present invention relates to an information
processing method for recognizing a pattern of an image,
5   character, speech or the like. According to the method,
a feature space in which a point set given as learning
patterns is present is divided to form a classification
tree on the basis of the learning patterns. The method
comprises the linear combination feature amount
10 generation step of generating a new feature amount by a
linear combination of the feature amounts of the
learning patterns; the hierarchization
pre-preprocessing step of hierarchizing, in advance,
the new feature amount generated in the linear
15 combination feature amount generation step; and the
classification tree generation step of generating a
classification tree on the basis of the learning
patterns hierarchized in the hierarchization
pre-processing step.

20